

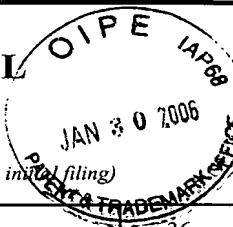
153 Rec'd PCT/JP 32 JAN 31 06

Substitute for PTO/SB/21 (09-04) "Transmittal Form"
Approved for use through 07/31/2006. OMB 0651-0031
U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

PCT

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)



Application Number	10/541,270
Filing Date	July 1, 2005
First Named Inventor	Monaci, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	ITR0043YP

Total Number of Pages in This Submission

36

ENCLOSURES (Check all that apply)

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☒ Response to Missing Parts/Incomplete Application
- ☒ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please Identify below):

Remarks

Sequence Statement, Sequence Listing, Sequence Diskette

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Name	Alysia A. Finnegan	Registration No. (Attorney/Agent)	48,878
Signature		Date	1/30/06

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date:

Typed or printed name

Signature

Date

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT January 30, 2006
EXPRESS MAIL NO. EQ422067303US

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL, POST OFFICE TO ADDRESSEE ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450.

MAILED BY Christina Cullen
DATE 1-30-06

MISC. FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/541,270
Filing Date	July 1, 2005
First Named Inventor	Monaci, et al.
Examiner Name	
Group Art Unit	
Attorney Docket Number	ITR0043YP

TOTAL AMOUNT OF PAYMENT

\$330

METHOD OF PAYMENT☒ Deposit Account

Deposit Account Number 13-2755

Deposit Account Name Merck & Co., Inc.

The Director is authorized to:

☒ Charge fee(s) indicated below☒ Credit any overpayments☒ Charge any additional fee(s) or underpayments of fee(s)
under 37 CFR 1.16 and 1.17**FEE CALCULATION****FEES****Large Entity**

Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	130
1051	130	Non-English Specification	
1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1402	500	Filing a brief in support of an appeal	
1452	500	Petition to revive - unavoidable	
1453	1,500	Petition to revive - unintentional	
1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	Submission of Information Disclosure Statement	
1809	790	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	For each additional invention to be examined (37 CFR 1.129(b))	

EXPRESS MAIL CERTIFICATE

DATE OF DEPOSIT January 30 2006

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MAILED BY Christine Caffee

DATE 1-30-06

Statutory Terminal Disclaimer under 37 CFR 1.321

Additional Claim Fee

200

TOTAL \$330**SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name Alysia A. Finnegan

Reg. Number 48,878

Signature

Date

1/30/06

Deposit Account User ID

02/02/2006 MKAYPAGH 00000074 132755 10541270

01 FC:1617 130.00 DA
02 FC:1614 200.00 DA



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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/541,270	Paolo Monaci	ITR0043YP

INTERNATIONAL APPLICATION NO.

PCT/EP03/14997

I.A. FILING DATE	PRIORITY DATE
12/29/2003	01/03/2003

210
MERCK AND CO., INC
P O BOX 2000
RAHWAY, NJ 07065-0907

DOCKETED

DEC 19 2005

CHRISTINE A. ZUPPEL

CONFIRMATION NO. 6588

371 FORMALITIES LETTER



OC000000017634798

Notice of
Missed Parts
Oath re De
2-13-01

Date Mailed: 12/13/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/01/2005
- Copy of the International Search Report filed on 07/01/2005
- Preliminary Amendments filed on 07/01/2005
- Information Disclosure Statements filed on 07/01/2005
- Biochemical Sequence Diskette filed on 07/01/2005
- Biochemical Sequence Listing filed on 07/01/2005
- U.S. Basic National Fees filed on 07/01/2005
- Priority Documents filed on 07/01/2005

aa 7
12/30/05

DEC 22 2005
LISA A. FINNEGAN

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$200** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Folder
12/21/05

Total additional fees required for this application is **\$330** for a Large Entity:

- **\$130** Surcharge.
 - The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- Total additional claim fee(s) for this application is **\$ 200**
 - **\$200** for 4 independent claims over 3.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

Telephone: (703) 308-9140 EXT 212

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,270	PCT/EP03/14997	ITR0043YP